

**Amendments to the Claims**

1. **(Currently Amended)** A data processing system for supporting web based commerce and commission tracking on a multi-node network, comprising:

a plurality of web pages within the multi-node network, wherein each of the plurality of web pages displays at least one on-line content;

a storage component for storing information related to products or services promoted or to be promoted on one or more of each of the plurality of web pages;

a web access and scanning code for selectively downloading particular ones of the plurality of web pages and examining the selected web page content [to determine whether the content thereon is related to products promoted on said web page], and

web page processor programmed to analyze the accessed and scanned web page, wherein [the code] said web page processor includes a comparison mechanism for [determining if] comparing the content on said scanned web pages with said stored information and making assessments based on said comparisons. [includes terms that are antithetical to products promoted or to be promoted on said web page.]

2. **(Cancelled)**

3. **(Currently Amended)** A data processing system for supporting web-based commerce and commission tracking on a multi-node network comprising:

a. a Content Provider for displaying promotions and a plurality of other information on a web page;

b. a Clearinghouse server in communication with said Content Provider for parsing HTTP commands received therefrom, including an affiliate-defined field comprising at least one of a plurality of plural subvariables; and

c. a Merchant site interconnected to said Clearinghouse server, wherein the Merchant Site obtains information triggered by the Content Provider from the Clearinghouse server and the Merchant Site submits information to the Clearinghouse Server relating to Content Provider referral activity on the Merchant Site.

4. **(Previously Presented)** The system of claim 3 further comprising programming for managing a commission vector process wherein target commission recipients are identified as a subvariable in said affiliate-defined field.

5. **(Original)** The system of claim 3 further comprising programming on said Merchant site for sending a file to said Clearinghouse server comprising information on commerce at said Merchant site.

6. **(Currently Amended)** A data processing system for supporting web-based commerce and commission tracking on a multi-node network, comprising:

a. one or more Content Providers with web pages wherein said web pages include linking instructions associated with select promotions;

b. a Clearinghouse server for automatically tracking USER interactions with said promotions, said Clearinghouse server further comprising programming for detecting fraudulent activity relating to said promotions; and

c. Merchant sites interconnected to said network and available for providing goods and/or services to USERS referred to said Merchant site by said linking instructions.

7. **(Original)** The system of claim 6 wherein said fraud detection programming includes click pattern assessment over time.

8. **(Original)** The system of claim 6 wherein said fraud detection programming includes Javascript detection.


9. **(Original)** The system of claim 7 wherein said programming tracks time intervals between clicks from a select promotion.

10. **(Original)** The system of claim 7 wherein said programming detects repeated clicks from a single IP address.

11. **(Currently Amended)** In a data processing system for establishing, managing and tracking commercial transactions undertaken on a wide access network, comprising:

a Content Provider site interconnected to said network and programmed to display to a USER visiting said Content Provider through a site content viewing program, information about

one or more products or services available for commercial transactions, at a site separate from said Content Provider, wherein said display includes links associated with said information, linking instructions for directing said USER's viewing program to a site separate from said Content Provider site, and said linking instructions further comprise code for associating with said visiting USER, a unique USER identification code inserted onto said USER http command line and/or passed along in said USER URL;



a Clearinghouse site interconnected to said network and programmed to receive information regarding display of or selection of said display information on said Content Provider site, and the ability to read said USER unique identification code, and store said code in memory, and further, to provide connection of said USER to an identified Target Merchant Site, wherein said Target Merchant Site is associated to said display information;

a Target Merchant site interconnected to said network and programmed to provide the ability to transact said product and/or services;

wherein said Target Merchant site is further programmed to record information about a purchase made by said USER and to communicate said purchase information back to said Clearinghouse site, wherein said purchase information is used by said Clearinghouse server to allocate credit to the Content Provider.

12. **(Previously Presented)** The system of claim 11 wherein the linking instructions placed on said Content Provider server further comprise information about said Content Provider site address.

13. **(Previously Presented)** The system of claim 11 wherein said linking instructions code comprises logic to insert said USER identification code onto a http command line via USER prompt, and said display information on said Content Provider site is in the form of highlighted text or graphical image.
14. **(Previously Presented)** The system of claim 11 wherein display information on said content Provider site is in the form of a promotional banner, textual link or icon.
15. **(Previously Presented)** The system of claim 11 wherein said network is public access.
16. **(Previously Presented)** The system of claim 11 wherein said network is a private intranet.
17. **(Previously Presented)** The system of claim 11 wherein said Clearinghouse site further provides data entry relating to promotional arrangements between Merchants and Content Provider.
18. **(Previously Presented)** The system of claim 17 wherein said Clearinghouse site includes data storage for retaining a collection of pre-packaged promotional arrangements in the form of offers.

19. **(Previously Presented)** The system of claim 18 wherein said promotional arrangements may be configured for auto-approve.

20. **(Previously Presented)** The system of claim 11 wherein a cookie and/or means for storing information on said USER'S computer corresponding to the USER'S interaction with the Merchant's site is placed on a USER'S computer if a purchase is not made during a visit to said Merchant's site.

21. **(Previously Presented)** The system of claim 20 wherein said cookie and/or means for storing information on said USER'S computer corresponding to the USER'S interaction with the merchant's site is used to track said visitor during a subsequent visit to said Merchant site.

22. **(Previously Presented)** In a data processing method for bringing together Merchants and Content Providers using a computer network comprising the steps of:

- a. receiving multiple inquiries from Merchants and Content Providers using a Clearinghouse server;
- b. accessing the Clearinghouse server to enter or locate data regarding a promotional offer associated with goods or services available from said Merchant on a separate site interconnected to said network;
- c. accessing the Clearinghouse server to search for and/or access stored data on existing offers to said Content Providers;
- d. entering an acceptance of counteroffer by said Content Provider; and

e. consummating a promotional arrangement electronically by interconnecting said Content Provider site to said Merchant site by a hyperlink.

23. **(Previously Presented)** The method of claim 22 wherein said promotional offer includes an auto-approve indicator.

24. **(Previously Presented)** The method of claim 22 wherein said Content Provider receives transaction processing software from said Clearinghouse server.

25. **(Previously Presented)** The method of claim 22 wherein said searching step includes entry of keyword search criteria to locate Merchant offers.

26. **(Previously Presented)** The method of claim 22 wherein said consummated promotional arrangement delineates payment terms for sales relating to said Content Provider.

27. **(Previously Presented)** In a central Clearinghouse server for intercommunication with plural remote computers through network connections, the Clearinghouse server comprising:

a first communication link between said central Clearinghouse server and one or more remote Content Providers, wherein said remote Content Providers make available one or more hypertext links in the form of highlighted text, graphics and/or images, and supply said links with coding to associate an identifier with a USER and to direct said USER to said Clearinghouse server;

a first data processing means for receiving said USER identifier and associating said USER identifier with said originating Content Provider;

a second communication link between said Clearinghouse server and a destination Merchants site, wherein transaction information triggered by a USER during a visit to said Merchant site via said Content Provider hypertext links, is transmitted to said Clearinghouse server;

a second data processing means for processing transaction information from said Merchant site wherein said transaction information includes information regarding actions undertaken by said USER in response to said Content Provider hypertext link.

28. **(Previously Presented)** The system of claim 27 wherein said USER identifier is applied to a http command line at said Content Provider upon USER access of a hypertext link associated with a merchant.


29. **(Previously Presented)** The system of claim 27 wherein said second data processor accumulates transactional data for reporting to said Content Provider.

30. **(Previously Presented)** The system of claim 27 wherein said destination Merchant site places a cookie onto a USER for tracking USER visits.

31. **(Currently Amended)** A data processing system for supporting communication and commerce on a wide access network wherein said network comprises a plurality of computers



interconnected and in communication using common protocols for transferring text and images relating to select goods and services, the system comprising:



a first computer connected to and in communication with said network with memory storage for one or more files defined by universal resource locator, said files forming web pages and providing information of interest to one or more USERS and further including a promotional icon formed from text, graphics, or image having embedded therein a sequence of commands for transferring a link to a USER computer in communication with said first computer, to a second, Clearinghouse computer and then to a third Merchant computer wherein goods and/or services associated with said promotional icon are available for purchases; said transfer of said USER computer link including a user or site identifier that is recorded at the Clearinghouse computer and the Merchant computer so that purchases made at the Merchant computer by said USER may be attached and used to provide a commission based on referral by said icon.

32. **(Previously Presented)** The system of claim 31 wherein the first computer commands embedded with the icon include html coding that establishes a unique identifier for said USER.

33. **(Previously Presented)** The system of claim 31 wherein the Clearinghouse computer stores information from the USER http comprising first computer site ID, USER ID and icon ID.

34. **(Previously Presented)** The system of claim 33 wherein said USER link is established to said merchant computer by http command enabled by said Clearinghouse server.

35. **(Previously Presented)** The system of claim 34 wherein said Merchant computer records said USER link including USER ID, and first computer site ID.

36. **(Previously Presented)** The system of claim 35, wherein said Merchant computer associates a cookie with said USER if no transaction takes place during the USER'S link.

37. **(Previously Presented)** The system of claim 35 wherein purchases by said USER at said Merchant computer are recorded and used to determine a commission.

38. **(Previously Presented)** The system of claim 36 wherein a subsequent visit by said USER that is associated with a transaction results in a credit to said first computer as a referral of said USER.

39. **(Previously Presented)** A data processing system for establishing promotional arrangements governing the development of referrals, comprising a Clearinghouse server configured and programmed to receive communications from web-based Merchants regarding commerce to be effected over a web site and in response to said communications accessing one or more stored promotional arrangements governing the use of a referral promotion to direct USER'S browsing the web to said Merchant's site said Clearinghouse server transmitting to said Merchants one or more of said promotional arrangements for review and selection.

40. **(Previously Presented)** The system of claim 39 wherein said promotional arrangements are stored on said Clearinghouse server in pre-defined format having an established set of terms.

41. **(Previously Presented)** The system of claim 39 wherein said Clearinghouse server includes communication means for access by one or more Content Providers. wherein said Content Providers are able to access said Clearinghouse server and review offers corresponding to one of said stored promotional arrangements.

42. **(Previously Presented)** The system of claim 41 wherein said promotional arrangement can be either open or closed.

43. **(Previously Presented)** The system of claim 41 wherein said promotional arrangement is auto-approved.

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